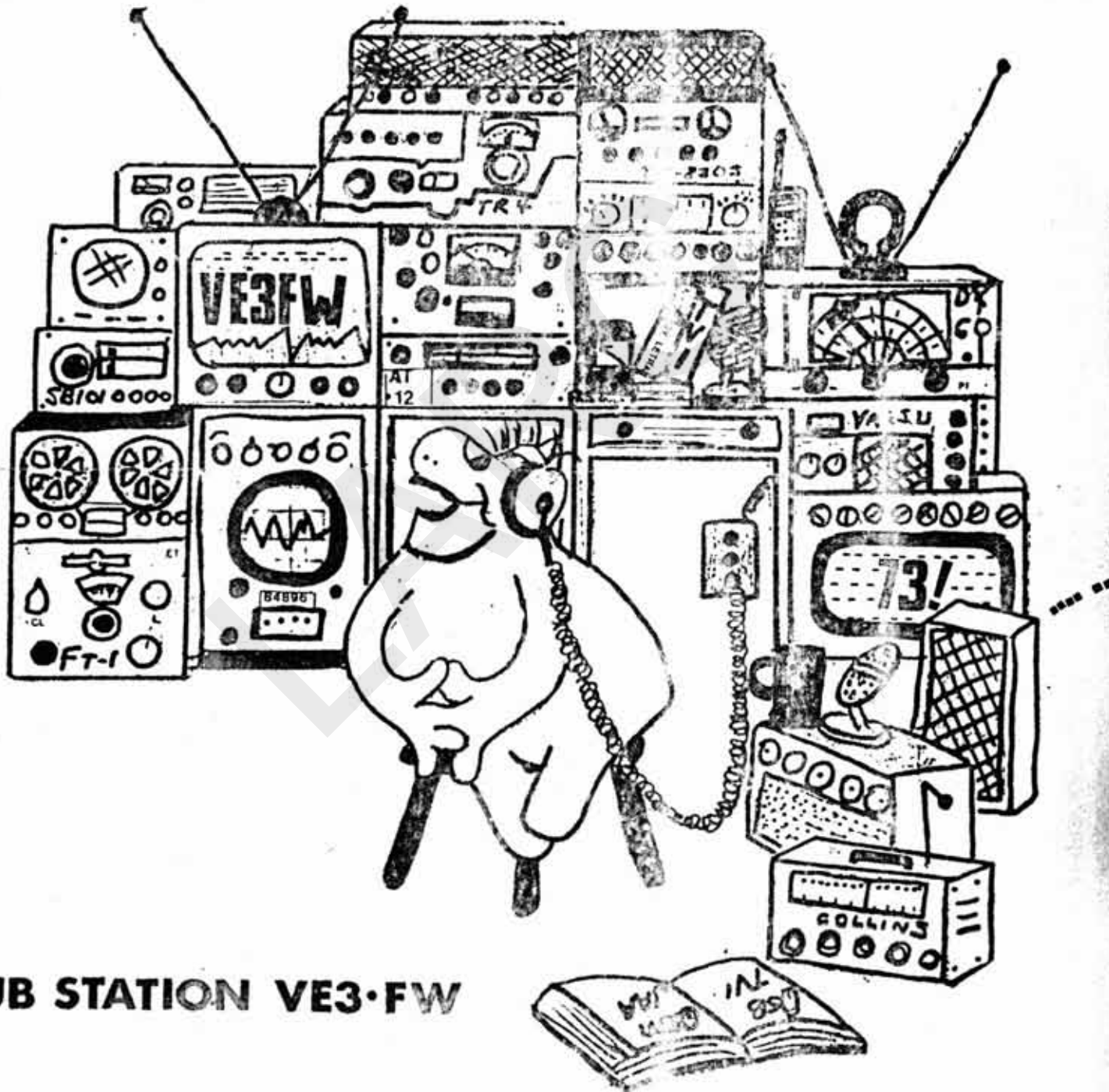


Apr. 85



LAKEHEAD AMATEUR RADIO CLUB BULLETIN



CLUB STATION VE3·FW

Founded 1934

Incorporated 1979

LARC

THE NEXT MEETING OF THE L.A.R.C. WILL BE HELD THURSDAY, APRIL 10, 1985 AT THE E.M.O. BUILDING, CORNER OF WATERLOO/VICTORIA AVE. IN THE CITY'S BEAUTIFUL SOUTH WARD.

VE3JAA RECEIVES LIFE MEMBERSHIP

Arnold, VE3JAA is very busy these days. He runs the 'salt mine net' on weekday mornings, starting bright and early at 6:00 am, and runs until 9:00 am. This has greatly increased 2 meter activity here in Thunder Bay. Along with running the net, Arnold passes along various bulletins as they are passed to him.

His contribution to the Club and Amateur Radio don't stop there. He monitors the repeater most of the day (every day) to provide assistance as required, and he likes to "ride along" with you. Among his numerous activities, he also acts as an "answering service", passing along bits of information and phone calls you may have missed.

Arnold was instrumental during the Sibley Ski Tour, acting as a link to Thunder Bay, and passing information. This is just a few of Arnold's many contributions, and on behalf of the Club, we would like to say a great big "thank you!". It is our pleasure to honour one of our own with a Life Membership in the Club. Keep up the good work!

Tom VE3CX

SERVICE CLINIC

So your rig doesn't work and you don't want to spend \$2,000 to get it fixed? Or you want to add a few "bells and whistles" to make it "super hot"? In this month's column, we will cover the basic tools required by every homebrewer and Mr. (MX?) Fix-it. These tools are the minimum, but you should be able to fix most any problem with these tools.

1. Large crowbar or tire iron--this is used during the cover removal phase, and the crow-bar can be used for minor sheet metal work.
2. Oxygen/Acetylene torch set--used for major modification work and can also be used to remove "stuck" parts--also known as a "one size fits all" wrench.
3. 10 lb. Sledge Hammer--this is your most important tool! It is used during all phases of rig repair and modification. It is useful for "fine tuning".
4. Large chisel or screw driver. This is used with the aforementioned tool for small jobs where the "torch is too much". However, maximum force should be used if the hammer-chisel combo is used. It also comes in handy for ungluing stuck parts.
5. Drill with 1/2" drill bit. It makes nice round holes as required for installing resistor and capacitor sockets.
6. 200 amp (min) Arc Welder (Glue Stick). Used to glue on brackets, and to put the covers back on once the operation is complete. No nuts and bolts required--just glue it on!
7. 200 gallon stew pot. Used for making home brew--an absolute necessity for every home brewer.

Dr. Porkorpopalotchevski PhD,P.Eng.

7. HOW TO USE A REPEATER

Poor repeater procedures can lead to lots of fun, and is good for a lot of laughs. If your message doesn't get thru the first time, try again! So here are a few rules and "tricks of the trade".

1. Talk over the other station. If he doesn't hear you, it's not your fault. He should either run full duplex (receive and transmit at the same time), or stop talking. After all, it is your turn to talk.
2. If you have traffic or priority information, keep it to yourself. No one wants to hear about it.
3. Use a simplex channel for calling frequency. Once you have established contact, QSY to the repeater.
4. Give base stations priority, especially ones that run hi-power. After all, they need a captive audience to tell everyone what's happening.
5. The timers on the repeater are like playing war games. Everyone must come up with a way around them to keep the repeater up.
6. Be long winded. Everyone wants to hear about every pothole in the road, and how every other driver on the road should have his driver's licence revoked (everyone except you, of course!).
7. ID every transmission of both ends, and a few times inbetween. That way you keep reminding everyone else who is talking.
8. If you don't like #7, then don't ID at all. Just say "Hey Joe, you in there?" He should recognize your voice, so why use call signs?
9. Remember what your parents always said? Don't talk to strangers. After all, if you don't know who you are talking to, why talk to them.
10. Don't pay repeater dues, or help with the repeater in any way. The guy who built it should have made it to run forever with no maintenance. No maintenance means no expenses, and no fees. If the repeater goes down for any reason, scream long and loud. There is no reason for the repeater to go down, ever.
11. Do all your testing on the repeater channel. The repeater should be able to tell you are testing, and not come up.

IF THESE SIMPLE RULES ARE FOLLOWED, IT SHOULD BE GOOD FOR LOTS OF LAUGHS--ENJOY.

There are 3 types of Amateurs:

Those who make things happen.
Those who watch what happens.
Those who wonder what happened.
Which type are you?

DIRTY LAUNDRY

VE3KRP is a baha-poika! VE3BBS likes to listen to himself on the repeater on Wednesday mornings! VE3JAA has some shack improvements in mind. VE3JAA got rotated off into the bit-bucket. VE3IY is now known the world over--congrats on the new north American WPX record Jim. VE3BOR wants to get on 2M SSB, but has been keeping a low profile lately. VE3HCM has a new backyard where to plant the tower. VE3KRD's TH6DXX don't know when to stop. It keeps going round and round. VE3KRN wanted to get a shorter call, but Doc said no. VE3NHX is two-sole mobile these days. VE3NHN is teaching junior CW. Never too young to get an early start. VE3CX made an unexpected trip to T.O. VE3MZX is praying for help from on high with the advanced. VE3NHP came to town with a suitcase, and is going to need an 18 wheeler when he leaves. VE3CK is looking forward to an early retirement. VE3KRK is looking for a new place to plant his tower.

THE PREZ SEZ

Congratulations are in order for Mr. Ted Fallen of the Emergency Measures Organization. He recently turned 65, and on behalf of the Lakehead Amateur Radio Club, I would like to wish him well. Mr. Fallen has assisted us in many ways over the years, and as a small token of our appreciation, a gift and thank you letter have been given to him. At the March meeting, he was also awarded an honorary life membership in the LARC.

Congratulations are also in order for another very prominent club member. Arnold Chambers, VE3JAA was also awarded a life membership in the Club. A few words of praise are included elsewhere in this issue of Hi-Q.

There are also a few other important developments occurring which you should be aware of. Although I have not received anything official, the grapevine has advised me that the future of the EMO is up in the air. A letter has been sent to Alderman Dick Waddington on behalf of the club, explaining who we are and what we do. At present, should we no longer have access to the EMO building, several options are open to us. However, it is good to have a plan of action in the event something does happen. Only time will tell, but I wouldn't expect anything to happen in the next few months.

Well, it now is official. VE3YQT is no more, and we now have a new call sign for Mount Baldy. It will sign VE3TBO (Thunder Bay Ontario), which is more representative of the area. We expect to have things moving shortly, and we have a number of fund raisers taking place. A more comprehensive report appears elsewhere.

With the warmer weather rapidly approaching, interest in the Rabbit Hunt is surfacing. The first one of the season will be (was) held on March 31. We are in need of someone to look after the results, and name a winner. You do not have to partake, just do a bit of book keeping. I took care of things last year, but I am getting buried under a growing mountain of projects. It takes very little effort. How about you?

We have a few events lined up to finish up the year. Bill, VE3EFC is going to line up a tour for the May meeting. More details next month. As for the April meeting, we have something special (top secret too!) lined up. Don't miss it! See you there.

73 Tom VE3CX

VE3TBO

I am sure many of you are wondering how our new repeater is progressing so here is how things stand. It is still a few weeks before the meeting as this is being written, and I will endeavour to keep you abreast of our progress.

A slight setback has been encountered regarding the new Mark 4 Controller. After our special meeting was held, I wrote a multipage letter to the manufacturer. I waited and waited for a reply, but none has been forthcoming. I then took and called him via the landline, and got a few important questions answered.

No problem is anticipated with the controller operating in a high RF environment. We have his assurance regarding that. He will be sending me an owner's manual (a \$25.00 U.S. item) in the mail. That should help resolve any other questions regarding operating the autopatch via a UHF link. To the best of his knowledge, no one has set up their autopatch this way, but from what I was able to gather, it should be possible. Where there is a will there is a way.

I have been dragging my heels a bit, partly due to an unexpected trip to Toronto, and partly waiting for the info I requested. Being a bit unsure of the best way to approach various organizations for funding, I have enlisted the assistance of Jim, VE3KRD and Bob, VE3JAY. At present, our presentation for funding is being put together, and if all goes well, we should be well under way with our pitch for funding at this time.

A few questions were raised at the meeting regarding Mount Baldy. There will be several commercial installations added to Mount Baldy this summer. As well, CKPR intends to add a high power (100 plus watt) UHF transmitter aimed at Nipigon. I have spoken to CKPR, and have been assured there should be no problem with our repeater installation. However, additional tower space at the higher elevations is not guaranteed. We will play it by ear, but the repeater and antenna are safe.

I have always been a firm believer in having an alternate plan up my sleeve in case "Plan A" fails. This project is no exception. In the event that our bid for funding fails, we will be having a raffle for a side of beef. Hopefully, we should be able to raise enough money to purchase the controller if we are unable to do it with outside funding. If both avenues work out, then we can look at adding a few "goodies" to the repeater. In any event, we should have enough money this summer.

So what happens in the meantime? Well, I hope to make it up to Baldy to make sure there is no problem with the 147.660 in terms of the repeater. If it checks out OK, I will be bringing down the duplexer for retuning, and ordering a new receive crystal.

Once the duplexer is retuned, and the receiver realigned, we will try to get the repeater 'up the hill', even if we don't have the controller. A lot of concern has been raised about the repeater being QRT, and rightly so. This will give us a working repeater, with autopatch to go in as soon as we have the controller. This summer looks very promising for autopatch, and every effort will be made to make sure it happens.

73 Tom VE3CX

Meeting Ends Make

These ten tips will better your club. Are you friendly or frigid?

Recently, a ham I know moved to an area which has two ham clubs. "And they're both mighty big bombs!" he told me.

I asked him what he meant.

"I went by myself to the club meetings—they were on different nights, of course. When I arrived, at both clubs, there were about 20 members already there, shooting the breeze in small groups. Man, were they unfriendly!"

But, of all the problems hams face, are unfriendly clubs worth worrying about?

If you need statistics, the answer is that no one knows. While there are more than 2,600 amateur-radio clubs in the United States, no one keeps score of just how many could be rated "unfriendly."

But if you ask—as I have—a number of hams who move often or who travel frequently and visit local clubs, you, too, may be surprised at just how widespread the problem seems to be.

Ask, for example, hams who belong to such clubs as the Naval Postgraduate School Amateur Radio Club in Monterey, California. Most of the members are service personnel who move to new duty stations every couple of years or so, joining new clubs across the country and abroad. Several members of the Monterey club have told me of their firsthand experiences about just how friendly or unfriendly some clubs are.

Yet it's a problem that's hard to pinpoint.

Many hams are reluctant—understandably—to name clubs or even cities in which they feel clubs are unfriendly. As one unhappy member put it, "No use me mentioning names and making them still more unfriendly!"

Yet every example and quote in this report came from hams who have faced frigid receptions at various ham clubs.

Another reason the problem of unfriendly clubs is hard to pinpoint is that what

makes a club seem unfriendly to one ham may lead another to consider that club as desirable. One newcomer told me, "When I went to my first meeting at this one club, no one even asked me if I wanted to join." But another ham said, "I don't like clubs which try to push you into joining the first time you come."

Still, in spite of such conflicting views and the lack of data on how many clubs could be rated "unfriendly," there are enough hams telling horror stories about unfriendly clubs to suggest it might be wise for all ham clubs—and their members—to take a careful look at themselves, to make sure they do in fact make newcomers feel welcome.

From listening to hams who belong to a variety of amateur-radio clubs in different cities, I've identified ten tips on how to make and keep your club "neighborly," to use the word of a young ham from Iowa I talked with recently.

The first tip came from an

experience told to me by a ham on the day after his first visit to a club.

"I walked in at 7:25 pm five minutes before the meeting was to start. A couple dozen members were already there. A few of them were talking to someone next to them. The rest were silent—just sitting there, no saying a word. Only a few glanced at me as I stood at the door, trying to figure out where to sit. No one invited me in. Not a one said anything to me or even gave me a nod."

Tip #1: Ham clubs should designate two or so of their members to be greeters, to welcome newcomers.

Greeters don't have to be—shouldn't be—formal. They don't have to stand at the door, wear neckties and jackets, have a set pattern, escort newcomers during the entire meeting, or such. Instead, greeters should simply keep an eye on the club room door as they mix with other members; when they see an unfamiliar face, they

should go over immediately, introduce themselves, and initiate the usual ham talk. Such face-to-face meetings need not be much more structured than the usual on-the-air QSO.

Once the greeter has learned a few of the special interests of the newcomer, he or she should introduce the guest to another member with similar interests. The point is, of course, to make sure first-time visitors are not left on their own to search out members with whom they may feel comfortable.

To prod my friend to tell me more about that club which ignored him as he walked in to its meeting, I asked, "So what did you do?"

"There were just three empty chairs. They were all together, at the far end of the table. I walked down to them. No one asked me to sit or anything. I waited a few seconds and then sat down. The guy next to me gave me a glance and then went on with his small talk to the ham across the table."

I prodded again: "Not very friendly, huh?"

"After waiting what I thought was a proper length of time for a break in the chatter, I introduced myself to the two guys. One said 'Hi,' gave me his call, and went on with his talk about the weather or something."

Tip #2: All club members should be urged to talk with newcomers.

This is so basic it's almost embarrassing to mention. But of course the problem is not that hams are socially unsophisticated, not knowing that they should talk to others. Rather, many of us get so involved in our own discussions of hamming that we may ignore others.

Hams, like many people everywhere, can benefit from increasing their sensitivity to the interests and needs of others, especially to newcomers. That will not

only make recent arrivals feel welcome, but also it will help you feel better. As American humorist Philander Johnson wrote, "New friends leave the heart aglow."

My friend's concern about unfriendly ham clubs sounded deep, so I urged him on: "Meet anyone later in the meeting?"

"The meeting started out with the usual self-introductions. You know, they went around the room, each ham giving his or her name and call. When it came my turn, I said just what the others had—my name and call—adding that I'd just moved into the area."

"Did that spark any interest?"

"Not a bit. The self-introductions continued."

Tip #3: Make all introductions worthwhile.

Many clubs open meetings with self-introductions which are given quickly and briefly; many are muttered, some are embellished with bits of "in" humor, getting laughs from only a few. Such self-introductions become so routine they are close to meaningless.

I asked several long-time members of various clubs, "What good are those introductions?" Answers were limited.

"Gets members participating." (Saying just three or so words equals participation?)

"We get to know who's here." (To find that out, most members have already looked around long before the self-introductions.)

"Lets everyone have a moment in the spotlight." (Hams, with all their distinctive skills and achievements, need that?)

Introductions should not take much time of a meeting, but they should be valuable. Members should be encouraged to speak slowly, clearly, and add a few words about their own interests, or such. Setting a

limit is wise—the membership guide for one group states, "No more than 20 words."

One good technique for improving introductions was suggested by Gene Piety KH6PP, now living in Santa Cruz, California:

Tip #4: Have a greeter introduce newcomers.

Only a few words are needed: "Here's a ham new to our area, interested in home-brewed rigs. He's just moved here from (...). His name is (...); his call is (...)."

An interesting technique to add friendliness to clubs was initiated by Bill Webb NK6H, of Monterey, California, when he was president of his local ham club:

Tip #5: At each club meeting, have one or two members give, say, a 5-minute autobiography, preferably with slides, artifacts, or such, detailing their shack and their interests beyond hamming.

These, of course, should not be formal speeches. Brevity is the key.

There is the problem that some members may be hesitant to give such talks. Perhaps they overlook the fact that when they're A3-ing, there may well be far more people listening than are at their club meetings. So start by asking those members who seem to like to get up and speak. Also ask frequently for volunteers—that apparently shy one may well be masking a stimulating speaker! After a few members have presented themselves, most of the others will usually want to take part, too. Certainly some may be strictly against getting up to give such talks, but there's no need to pressure them into participating.

Another idea to help clubs welcome newcomers came from this story told by a ham in central California. He wanted to identify this club.

"After my first meeting, when I got home, I realized I really hadn't learned much about the club. Sure, I heard the treasurer's report—they had several hundred dollars in the till. But since they didn't say what activities they're into, I couldn't tell if they had money or not. The president said the newsletter gave details about an upcoming field day, but I didn't see a copy—they were mailed to the members' homes. And I met a couple of guys, but too fast for me to remember all their names and calls."

Tip #6: Give information packets to newcomers.

The packets should include, at the very least:

1. List of members with their calls, addresses, and phone numbers.
2. List of committees—members and tasks.
3. Minutes of the last few meetings.
4. Copies of recent newsletters.
5. Schedule of activities.
6. Repeater frequencies for the area.
7. A copy of the club's constitution.
8. Instructions on joining.

Other materials some organizations give to new members—although I know of no ham clubs which provide these—include:

1. Local sources for equipment, parts, services, etc.
2. List of names of members' spouses and children (helps develop family involvement).
3. History of the club.
4. A few copies of articles about the club—say the top three articles published in the last year or so.

Here's the experience of another ham. It's valuable because it points to another tip to help ensure that visitors don't come to just one of your club's meetings and then never show up again.

"The club's secretary gave me an application form for joining the club. I

thought that was a nice touch. Later, I read the application. It included a statement I was to sign, agreeing to abide by all provisions of the club's constitution. That seemed overly formal, but I figured, well, maybe they have a good reason for that provision. Only they hadn't given me a copy of the constitution. And when I asked for a copy, I was told it was being revised and would be ready in a month or so, but not to worry, just go ahead and sign anyway."

Tip #7: Give newcomers a copy of the constitution, rules, by-laws, or whatever guides your club.

Even if your constitution, for example, is being revised, prospective members should be given a copy of it so they'll know the ground rules as they are at the moment. Many prospective members consider such documents quite seriously. They like to know what they're

getting into—how decisions are made, dues increased, leaders selected, and such. They don't agree with the advice of American writer George Ade: "To ensure peace of mind, ignore the rules and regulations."

An officer of one ham club I visited handed me an application form on which two members were to sign as "sponsors" of new members. But since I didn't know anyone in the club and since neither that club officer nor that form told me how to get sponsors, membership seemed to be blocked. Therefore:

Tip #8: If new members are to be sponsored by established members, make sure information on how to get sponsors is readily available.

Of course, if a member brings a newcomer, he or she most likely would be a sponsor and would usually help find additional sponsors, if needed. But clubs

which require sponsors should have a method for providing them for prospective members who come on their own to a club's meeting. Greeters or club officers might be appropriate sponsors.

Another problem for newcomers is highlighted on the second page of *The Radio Amateur's Handbook*: "One of the first obstacles for a person seriously interested in amateur radio is finding a local amateur to provide assistance. This volunteer amateur is called an 'Elmer.'" (Emphasis added by author.)

Finding an Elmer should certainly not be an "obstacle."

Rather, an Elmer should be immediately available to every newcomer—to prospective hams, to new hams, and—just as important—to established hams who move into a new area.

But there's an additional problem with many Elmers

today. They may tell a newcomer something such as, "If you need help, give me a ring."

That's not really much of an offer of help. Elmers should do more than that. One good example is J. V. Rudnick K6HJU of Felton, California, who has been Elmer to scores of hams. He drops by a new ham's shack a few days after they meet. He comes with tools, ready to spend a few hours, if needed, to help find electrical interference, check out a new rig, select an antenna location—all examples from his recent Elmering.

Tip #9: Ensure that every prospective member gets an Elmer—an active Elmer, a real Elmer.

Finally, the essential tip:

Tip #10: Evaluate your club and yourself: How do you think newcomers would rate you?

Are you and your club friendly or frigid? ■

73 MAG 6/84

From the Ottawa A.R.C. bulletin Ground Wave:

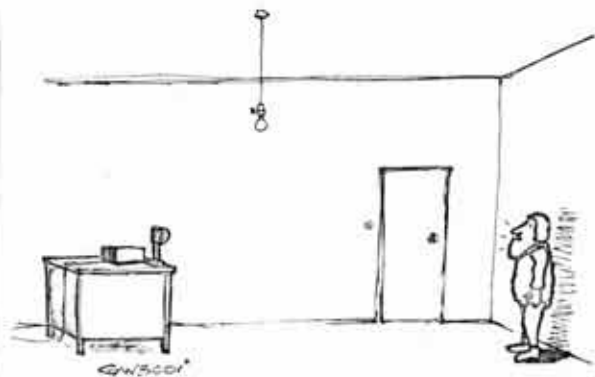
QCWA News reports that the Guinness of world records has accepted the entry of the number of contacts by one operator in a single year. 48,000 in 1978. This entry is made in the name of Dick Spenceley KV4AA who became a silent key on July 30th. 1980. This is the first entry made about the ham fraternity and will be found on page 262 of the 1984 edition. This would be a respectable number of contacts during a lifetime of hamming. But in one year it is astounding.

XYL's comment: I hope he was a bachelor.

VIA GUEPH ARC



LARC



CQ 7/81 "...Is this any better?..."



"...I may have to make this the final...."

CQ JULY 81.



"Pardon me. Looks like we're up a little too high..."

H2X gets all these



"Look here what the storm has brought me: 1 quad, 2 Yagis, six over six..."



"Must go and eat dinner, now ... been called three times!"



"Now I'm working out well, since I got rid of the TV!"

OH YOU MUST UNDERSTAND I AM CLEAN
MY GEAR IS BRAND NEW AND SHINY
YOUR STEREO AND TV'S MUST BE OBSOLETE
MY QKW AMP PUTS OUT PURE CLEAN SIGS...



"The Neighbours' committee has come up with two possible courses of action. The first is to ask you to stop your HAM Radio from interfering with our TV reception."

ETI 6/84

LARC

THEORY OF PROPAGATION

This article is a preliminary breif, and my final findings and recomondations will be presented at the next Radio Propagation Conference to be held in Geneva in 1988. I have been studying radio propagation for the past 20 years, and have come up with some astounding discoveries! It is a commonly held beleif that radio propagation is based on an 11 year cycle, but my finding indicate otherwise. You see, propagation changes are based not on natural phenomonon, such as the position of the Sun, Moon, Stars, etc, rather they are based on the amount of interfering material we place in the atmosphere.

You see, my findings indicate that propagation is based on a 4 year cycle, which just happens to coincide with elections in the U.S. During the course of every election, there is much hoopla and much adue over the fact that the American Peoples are able to tell off their old government, and able to elect new people to represent them. During the course of any major event, such as the American elections, thousands of helium filled balloons are released into the atmosphere. This is part of how the Americans are able to tell off their old government!

So what happens to these ballons once they are released? Well, one simply forgets all about them, and they are free to go where ever, and may end up in all kinds of places, or so people beleive. In fact, since these ballons are lighter that air, they rise into the upper atmosphere, where they are free to wreak havock with propagation. It is a little know fact, but inbetween the G18 and G19 upper atmosphere layers, there exists and area of negative atmospheric pressure, and the ballons are attracted to this region just like a magnet attracts metal.

Since there is negative pressure, the balloons feel right at home, and may spend several years here. I should also mention that siné this layer is only about 3 feet thick, that the ballons have a tendancy to spread out. Last year, since thousands and thousands of balloons were released, this layer became quite full, and ended up covering most of the earth. You see, last year, this special layer received a double dosage of balloons due to the Olympic Games, and the U.S. elections being held in the same year.

Now, I am sure that you are saying that if these balloons covered the entire earth, that it would always be night, and no daylight would be able to penetrate this layer. Well, you obviously haven't studied balloons very much! They have a tendency to pass most radiation that is in the visible light region, but have a tendency to block free ions. You must understand a rule of natural inverted hyper-dynamics (NIHD), which states that helium has a tendency to attract free ions. The reason for this is that when helium is manufactured, that free ions are ripped off, and sold on the Black Market. Since the helium has been ripped off, the easiest way to get some free ions back is to go to the upper atmosphere, and rip off a few of his own.

Since the lower levels of the upper atmosphere never get their dosage of these free ions, they don't work that well. It's something like trying to work your flashlight with dead batteries. No electrons, or in the case of the ionosphere, no ions, then no work! Now I am sure that you want to know why we have never seen this layer of balloons, and where they go with the ions that they got. That part of my theory is still under investigation, but preliminary data collected from the space shuttle would seem to indicate that they are being sucked up by a solar wind.

As to why we have not been able to see them, that's because once the balloon has ripped off his quota of free ions, they turn invisible to the naked eye. If special Delta ray equipment is used, then they once again become visible. However, I have limited my Delta ray experiments to the white, red and blue balloons for fear of causing mass panic in the general public. However, I have been able to see the solar wind come along and suck up these balloons. Since it takes a few years for these balloons to be picked up, radio propagation slowly returns to normal, only to be hit with another dosage of helium balloons.

As I said previously, these findings are preliminary, but in the 20 years that I have been studying this phenomenon, it seems to work.

By Prof. Ripley Beleiveitornotski, PHD, RHD, LSD, MUD, ETC,ETC.

**ARROWHEAD RADIO AMATEUR CLUB
123 EAST FIRST STREET
DULUTH, MINNESOTA 55802**

Dear Friends and Neighbors,

The Arrowhead Radio Amateur Club proudly presents "SWAPFEST 85". The annual event will be held on Saturday, May 11, 1985 at the Holiday Inn in downtown Duluth. Every year the swapfest has been growing and getting bigger and better. This year holds no exception.

Some of the new ideas this year include a buffet dinner after the swapfest where we will be giving away an Icom 2AT to one lucky person in attendance. As in past years we will be giving away many valuable prizes, including a thousand dollars in U.S. savings bonds for the raffle and an Icom IC-730 for the door prize. We will also be conducting any hourly prize drawings.

One unique aspect of "SWAPFEST 85" is the facility at which it is being held. The Holiday Inn complex is in the heart of downtown. It houses an inclosed shopping mall and is linked to the rest of downtown via an inclosed "Skywalk" system. In the Skywalk there are many different types of stores and restaurants to suit even the most discriminating taste. Lodging is available at the Holiday Inn at a discounted price of course. Parking for the event will be provided free of charge in the Holiday Inn Ramp located on 1st Street.

For those who are interested in making it a weekend affair there are many exciting, interesting and educational things to do in Duluth. Some of these include a tour of the Duluth-Superior Harbor aboard the Vista King or Queen, a tour of the Glensheen Mansion, a trip through yesteryear at the Heritiage and Arts Center which houses the Depot, Train Museum and the Chisholm Museum, the Scenic Skyline Drive overlooking Duluth, the North Shore including Splitrock Lighthouse and Gooseberry Falls, Enger Tower, the Aerial Lift Bridge and ship canal including the Canal Park Marine Museum and much much more.

I'm sure you'll agree that "Swapfest 85" is an event that the whole family will enjoy.

We hope to see you on May 11, for A WEEKEND IN DULUTH!

LARC

RAFFLE ANNOUNCEMENT

It has been just recently that the Club has taken a slightly more aggressive approach toward fund raising. Club dues and code and theory classes bring in general operating revenue, but when a large project is tackled, we have to look elsewhere.

Our raffle for the Texas Mickey was very successful, so here we go again. We are looking for approximately \$3,000 to purchase a new repeater controller for VE3TBO. All funds raised from this raffle will go towards the repeater.

We will be printing 3,000 tickets, and will sell them for \$1.00 each. The prize will be a side of beef or \$600 cash. Gary VE3CK and Tom VE3CX have tickets. The draw is set for June 31, 1985. A prize will also be awarded to the person who sells the most tickets.

The raffle will probably cost from \$700 - \$800, with the balance going toward the repeaters autopatch. We need your help to make this raffle as successful as our last one. We can do it!

KENORA ARC SUMMER PARTY

If you will be in the Sioux Narrows area this summer, the Kenora ARC has a party planned for August 2,3,4,5. It will be held at the Sioux Narrows Provincial Park, and serviced and unserviced trailer parking is available. For more details, contact Skip, VE3BBS.

TVI CURE

Got a problem with TVI, but don't know what to do? Vlad, VE3KRV ran into such a problem, and came up with a neat cure. Any television set has a yoke on the picture tube. If you have a broken set, remove the yoke. It has a number of windings on it which are also removed. What you are left with is a large ferrit core. Wind the video cable through the yoke 5 or 6 times, and presto--no more TVI! P.S. Thunder Bay Color has a large supply of old TV deflection yokes just for the asking.

There are a wealth of special prefixes around at the moment. If you are having difficulty keeping them all straight, here is the present list:

<u>PREFIX</u>	<u>EVENT</u>	<u>DURATION</u>	<u>AREA</u>
CG Charlie Golf	75th Anniversary of Girl Guides	Feb.17-Apr.17	Canada Wide
CZ Charlie Zulu	Ontario Winter Games	March 1-17	Ontario
CF Charlie Foxtrot	75th Anniversary of Canadian Navy	Apr.1-May 31	Ex-Navy
		Personnel -	Canada Wide
VX Victor X-Ray	Lethbridge Centennial	July 14-27	Alberta
XO X-Ray Oscar	Parks Canada Centennial	June 29-Aug.29	Nfld&Lab.
XJ X-Ray Juliett	Parks Canada Centennial	" " " "	Maritimes,
			Que,Ont,Man,
			Sask,Alta,BC,
			NWT.
XK X-Ray Kilo	Parks Canada Centennial	" " " "	Yukon